June 2008

DEPARTMENT OF EDUCATION
2007–2008 School Year Reports

Dear School Board Members and School Personnel:

The Maine Educational Assessment (MEA) is the State's measure of student progress in achieving the State standards known as *Learning Results,* adopted by the Maine Legislature in 1997. These *Learning Results* established goals for what all students should know and be able to do at certain times in their school careers and are the basis for Grade Level/Span Expectations, which describe the assessment standards for each grade. The MEA is administered to students in all grades 3 through 8 to meet state assessment requirements and the requirements of the federal *No Child Left Behind* Act.

The 2007-2008 MEA summary reports contain the results of student achievement in reading and mathematics at all grades, science and technology at grades 4 and 8, and writing at grade 5 based on achievement standards set in 2006 and disaggregated by student and school characteristics. This report, together with MEA individual student and subject-specific class analysis reports, provides support for use in program evaluation and planning.

MEA results reflect scores based on test questions that are taken in common by the approximately 15,000 students in each grade level. Students' scores in each content area are based on answers to a combination of multiple-choice questions and questions that require students to construct an answer. The grade 5 writing reports provide information on a student's ability to respond to a prompt measuring narrative writing. More information about the design of the MEA is available at www.maine.gov/education/mea/index.htm.

I look forward to working with you in support of our continued efforts to improve the quality and effectiveness of the instructional opportunities designed to help all students achieve the high standards of the *Learning Results* and demonstrate that achievement through performance on the Maine Educational Assessment.

Sincerely,

Susan A. Gendron

Susan A. Gendron
Commissioner of Education

MEA
Maine Educational Assessment

School Report
Grade 8

Test Date: March 2008
Code: 12381646
SAU: MSAD 44
School: Telstar Middle School

Contents of the Report

The report is divided into two main sections including a section describing the students tested and a separate section for the results in each content area.

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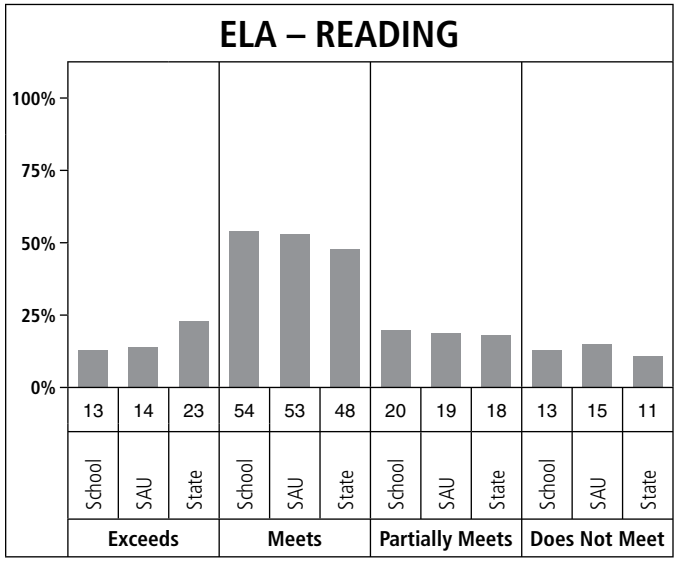
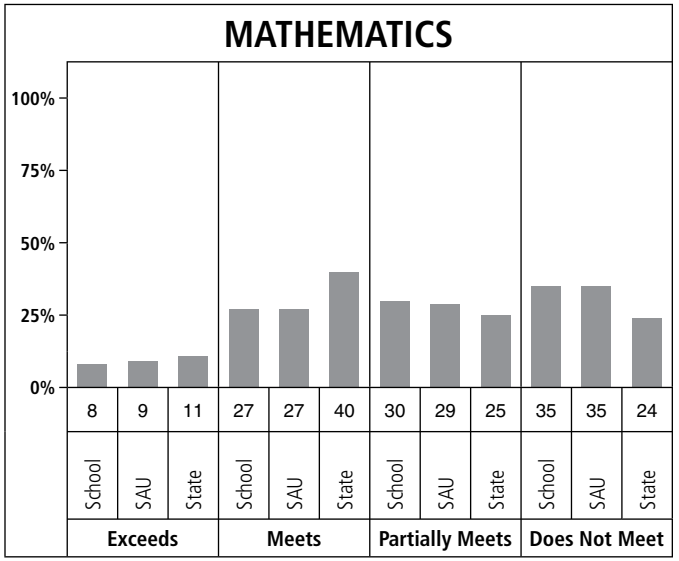
SUMMARY OF SCORES

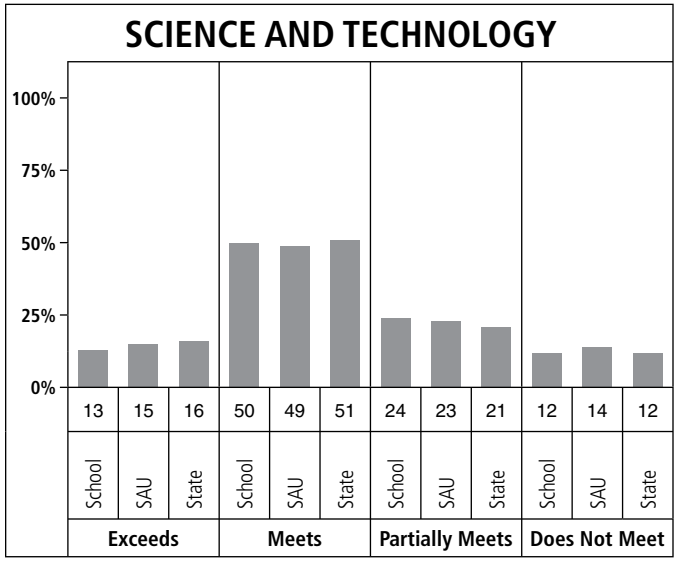
Test Date:	**March 2008**
Grade:	**8**
SAU:	**MSAD 44**
School:	**Telstar Middle School**

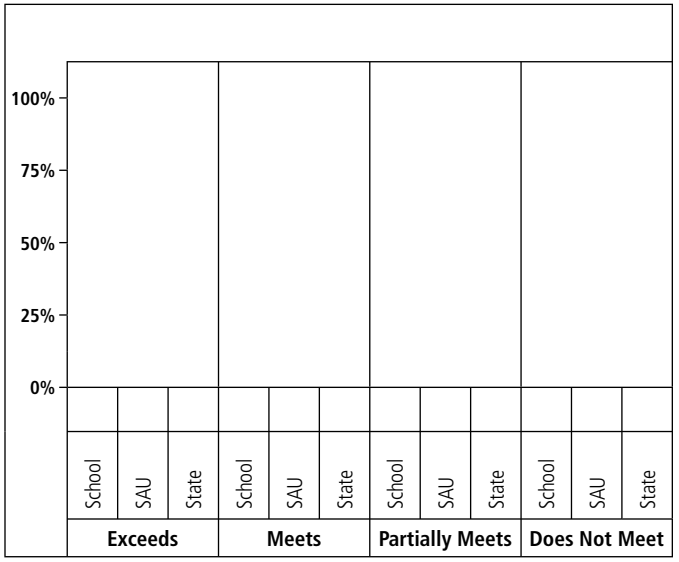
Summary of School, SAU, and State Scores

Year	Average Scaled Score		
	School	SAU	State
ELA – Reading			
2005–2006	850	850	845
2006–2007	848	848	847
2007–2008	**847**	**847**	**849**
Cum. Avg.*	848	848	847
Mathematics			
2005–2006	841	841	840
2006–2007	842	843	842
2007–2008	**836**	**837**	**841**
Cum. Avg.*	840	840	841
Science & Technology			
2005–2006	849	848	846
2006–2007	848	848	847
2007–2008	**847**	**847**	**847**
Cum. Avg.*	848	848	847









*Cumulative averages are weighted, i.e., the scaled scores are averaged proportionally based on the numbers of students in each year.

SUMMARY OF STUDENT PARTICIPATION

MEA
Maine Educational Assessment

Test Date: March 2008
Grade: 8
SAU: MSAD 44
School: Telstar Middle School

CATEGORY OF PARTICIPATION	Enrollment[1] during testing window						CONTENT AREA PARTICIPATION[2]																							
							ELA–Reading						Mathematics						Science and Technology											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Total number of students	83	100	75	100	15274	100	82	99	74	99	15102	99	83	100	75	100	15097	99	82	99	74	99	15080	99						
Ethnicity African American/Black	0	0	0	0	368	2	0	0	0	0	356	97	0	0	0	0	360	98	0	0	0	0	356	97						
American Indian or Native Alaskan	1	1	1	1	120	1	1	100	1	100	117	98	1	100	1	100	117	98	1	100	1	100	117	98						
Asian or Pacific Islander	0	0	0	0	186	1	0	0	0	0	181	97	0	0	0	0	182	98	0	0	0	0	182	98						
Hispanic	1	1	1	1	139	1	1	100	1	100	136	98	1	100	1	100	136	98	1	100	1	100	136	98						
Caucasian/White	81	98	73	97	14461	95	80	99	72	99	14312	99	81	100	73	100	14302	99	80	99	72	99	14289	99						
Not Reported	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Identified disability	10	12	10	13	2508	16	9	90	9	90	2446	98	10	100	10	100	2441	98	9	90	9	90	2431	98						
Current LEP	0	0	0	0	327	2	0	0	0	0	316	97	0	0	0	0	322	99	0	0	0	0	322	99						
Economically disadvantaged	28	34	25	33	5420	35	27	96	24	96	5329	99	28	100	25	100	5324	99	27	96	24	96	5313	98						
Migrant	0	0	0	0	7	0	0	0	0	0	7	100	0	0	0	0	7	100	0	0	0	0	7	100						

MODE OF PARTICIPATION[3]	ELA–Reading						Mathematics						Science and Technology											
	School		SAU		State		School		SAU		State		School		SAU		State		School		SAU		State	
	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%	n	%
Participation without accommodations	64	77	58	77	12703	83	64	77	58	77	12694	83	64	77	58	77	12710	83						
Identified disability (PET/IEP)	0	0	0	0	437	3	0	0	0	0	421	3	0	0	0	0	445	4						
LEP	0	0	0	0	172	1	0	0	0	0	172	1	0	0	0	0	173	1						
504 plan	1	2	1	2	229	2	1	2	1	2	231	2	1	2	1	2	230	2						
Participation with accommodations	18	22	16	21	2221	15	19	23	17	23	2227	15	18	22	16	21	2197	14						
Identified disability (PET/IEP)	9	50	9	56	1832	82	10	53	10	59	1844	83	9	50	9	56	1813	83						
LEP	0	0	0	0	136	6	0	0	0	0	143	6	0	0	0	0	142	6						
504 plan	1	6	0	0	68	3	1	5	0	0	66	3	1	6	0	0	66	3						
Other	8	44	7	44	213	10	8	42	7	41	202	9	8	44	7	44	204	9						
Participation through alternate assessment (PAAP)	0	0	0	0	177	1	0	0	0	0	176	1	0	0	0	0	173	1						
Identified disability (PET/IEP)	0	0	0	0	177	100	0	0	0	0	176	100	0	0	0	0	173	100						
LEP	0	0	0	0	7	4	0	0	0	0	7	4	0	0	0	0	7	4						
504 plan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						
Approved non-participation in reading – 1st year LEP	0	0	0	0	1	0																		
Approved non-participation – special consideration	0	0	0	0	32	0	0	0	0	0	34	0	0	0	0	0	34	0						
Non-participation – other	1	1	1	1	140	1	0	0	0	0	143	1	1	1	1	1	160	1						

1 Percents are the percentage of students enrolled in each participation category.
2 Percents are the percentage of students, including those who participated through alternate assessment (PAAP), who participated in the content area.
3 Percents are the percentage of students in each content area by mode.

ELA–READING RESULTS

Test Date:	**March 2008**
Grade:	**8**
SAU:	**MSAD 44**
School:	**Telstar Middle School**

ACHIEVEMENT LEVEL DEFINITIONS		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
The quality of a student's work at each achievement level reflects progress in attaining Maine's Grade Level Expectations in English language arts – reading.		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing in-depth inferences, analyzing texts for subtle clues, synthesizing information across texts, and using his/her knowledge of text features and literary devices to make deeper connections within or across texts to increase comprehension. (scaled score 861–880)	2005-2006	23	27	22	30	2695	17
	2006-2007	16	18	15	19	2407	16
	2007-2008	**11**	**13**	**10**	**14**	**3428**	**23**
	Cum. Total*	50	20	47	21	8530	18
Meets the Standards – The student's work demonstrates the ability to read and interpret literary and informational texts appropriate for the grade level by drawing inferences, summarizing main ideas and providing supporting details, connecting ideas within and across texts, and using his/her knowledge of text features and literary devices to increase comprehension. (scaled score 841–860)	2005-2006	33	39	25	34	6830	42
	2006-2007	42	47	37	47	7494	49
	2007-2008	**44**	**54**	**39**	**53**	**7179**	**48**
	Cum. Total*	119	46	101	44	21503	46
Partially Meets the Standards – The student's work demonstrates an inconsistent ability to read and interpret literary and informational texts appropriate for the grade level. The student's ability to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, and use his/her knowledge of text features and literary devices varies depending on the texts. (scaled score 829–840)	2005-2006	20	24	19	26	3741	23
	2006-2007	25	28	20	25	3628	24
	2007-2008	**16**	**20**	**14**	**19**	**2706**	**18**
	Cum. Total*	61	24	53	23	10075	22
Does Not Meet the Standards – The student's work demonstrates a limited ability to read and interpret literary and informational texts appropriate for the grade level. The student's responses are often vague or incorrect leaving the impression that the student found it difficult to draw inferences, summarize main ideas and provide supporting details, connect ideas within and across texts, or use his/her knowledge of text features and literary devices to support comprehension. (scaled score 800–828)	2005-2006	8	10	8	11	3003	18
	2006-2007	7	8	7	9	1810	12
	2007-2008	**11**	**13**	**11**	**15**	**1611**	**11**
	Cum. Total*	26	10	26	11	6424	14

Learning Results Content Standard Cluster	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Total Reading Cluster	**56**	**100**	35.6	63.6	35.3	63.0	36.9	65.9
Literary Text	**28**	**50**	17.1	61.1	17.0	60.7	18.3	65.4
Informational Text	**28**	**50**	18.5	66.1	18.3	65.4	18.6	66.4

The Maine *Learning Results* reading cluster includes Content Standards A (Process of Reading), B (Literature and Culture), and D (Informational Texts). The MEA assesses students' reading skills based on questions related to two types of reading passages: literary and informational. Passages include both long and short texts, selected from developmentally appropriate works. Items on the MEA measure Grade Level Expectations, based on Maine's 1997 *Learning Results*, which can be found at http://www.maine.gov/education/lsalt/gles.htm.

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

MEA
Maine Educational Assessment

ELA–READING RESULTS
(CONTINUED)

Test Date: March 2008
Grade: 8
SAU: MSAD 44
School: Telstar Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	82	11	13	44	54	16	20	11	13	847	74	14	53	19	15	847	14924	23	48	18	11	849
Ethnicity																						
African American/Black	0										0						348	11	38	22	29	840
American Indian or Native Alaskan	1										1						117	9	43	29	19	842
Asian or Pacific Islander	0										0						179	32	39	18	11	852
Hispanic	1										1						131	18	38	27	17	846
Caucasian/White	80	11	14	42	53	16	20	11	14	847	72	14	51	19	15	847	14149	23	49	18	10	850
Not Reported	0										0						0					
Identified disability																						
Yes	9	0	0	2	22	4	44	3	33	834	9	0	11	44	44	832	2269	3	24	32	42	833
No	73	11	15	42	58	12	16	8	11	849	65	15	58	15	11	849	12655	27	52	16	5	852
Current LEP																						
Yes	0										0						308	8	30	27	34	837
No	82	11	13	44	54	16	20	11	13	847	74	14	53	19	15	847	14616	23	48	18	10	850
Economically disadvantaged																						
Yes	27	3	11	15	56	3	11	6	22	846	24	8	54	13	25	844	5222	12	44	25	19	843
No	55	8	15	29	53	13	24	5	9	848	50	16	52	22	10	848	9702	29	50	14	7	853
Migrant																						
Yes	0										0						7	0	86	0	14	850
No	82	11	13	44	54	16	20	11	13	847	74	14	53	19	15	847	14917	23	48	18	11	849
Gender																						
Female	25	6	24	12	48	6	24	1	4	853	20	25	45	25	5	853	7198	30	48	15	7	853
Male	57	5	9	32	56	10	18	10	18	845	54	9	56	17	19	844	7726	17	49	21	14	847
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	20	0	0	10	50	4	20	6	30	838	19	0	47	21	32	838	807	9	41	32	18	842
No	62	11	18	34	55	12	19	5	8	850	55	18	55	18	9	850	14117	24	49	17	10	850
Gifted/talented program																						
Yes	0										0						592	71	28	1	0	867
No	82	11	13	44	54	16	20	11	13	847	74	14	53	19	15	847	14332	21	49	19	11	849

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. **N** = Number

ELA–READING RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 8
SAU: MSAD 44
School: Telstar Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	5	0	0	0	0	1	25	3	75	826	5	0	0	25	75	826	9	10	39	24	26	841
B. less than one hour	49	6	15	23	58	7	18	4	10	849	47	17	54	17	11	849	46	20	50	20	11	849
C. one to two hours	45	5	14	20	54	8	22	4	11	848	46	12	56	21	12	847	41	28	49	15	7	852
D. more than two hours	1	0	0	1	100	0	0	0	0	854	1	0	100	0	0	854	5	28	44	15	12	850
How well do the questions that you have just been given on this MEA test match what you have learned in school about reading?																						
A. The questions on the test match what I have learned in reading class.	24	4	20	13	65	2	10	1	5	853	23	24	65	6	6	853	33	31	48	14	7	853
B. They match some of what I have learned.	52	5	12	23	53	9	21	6	14	846	54	10	55	23	13	846	53	21	51	19	9	849
C. They match just a little of what I have learned.	17	2	14	7	50	3	21	2	14	848	16	17	42	25	17	848	11	14	41	25	20	844
D. There is no match.	6	0	0	1	20	2	40	2	40	834	7	0	20	20	60	831	3	6	34	26	35	836
Which of the following best describes how you rate yourself as a student in reading?																						
A. very good	32	7	27	17	65	1	4	1	4	857	31	26	65	4	4	856	31	42	44	8	6	857
B. good	45	4	11	20	54	7	19	6	16	845	46	12	53	18	18	845	49	19	54	19	9	849
C. fair	20	0	0	7	44	6	38	3	19	840	19	0	43	36	21	840	18	5	42	31	22	840
D. poor	4	0	0	0	0	2	67	1	33	832	4	0	0	67	33	832	2	4	29	32	34	835
How difficult was the reading part of this test?																						
A. harder than my regular schoolwork	27	4	18	12	55	3	14	3	14	847	27	20	50	15	15	847	15	16	44	22	18	845
B. about the same as my regular schoolwork	55	6	13	23	51	10	22	6	13	848	55	15	51	20	15	847	65	23	49	18	9	850
C. easier than my regular schoolwork	18	1	7	9	60	3	20	2	13	847	18	0	62	23	15	845	19	30	49	14	8	852
How difficult were the reading passages on this test?																						
A. Most of the passages were more difficult than what I normally read.	11	0	0	4	44	3	33	2	22	840	10	0	43	43	14	842	9	8	33	28	31	838
B. Most of the passages were about the same as what I normally read.	53	4	9	23	53	11	26	5	12	846	55	10	53	23	15	845	53	17	51	21	11	848
C. Most of the passages were easier than what I normally read.	36	7	24	17	59	2	7	3	10	853	36	23	58	8	12	852	38	36	48	11	5	855
How hard did you try on the reading part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	38	6	20	15	50	6	20	3	10	849	40	21	48	17	14	848	43	23	48	19	10	849
B. I tried about the same as I do on my regular schoolwork.	58	5	11	26	57	10	22	5	11	847	58	10	57	21	12	847	51	25	49	17	9	851
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	3	75	0	0	1	25	847	3	0	50	0	50	837	6	9	43	24	23	842
How much time do you spend reading at home each day?																						
A. more than one hour	18	6	40	9	60	0	0	0	0	862	18	38	54	0	8	859	18	31	47	13	9	852
B. 20 minutes to an hour	24	4	20	9	45	5	25	2	10	848	24	22	44	28	6	848	41	28	49	15	7	852
C. less than 20 minutes	15	0	0	6	50	3	25	3	25	840	15	0	45	27	27	840	13	20	49	18	12	848
D. I rarely read at home.	43	1	3	20	57	8	23	6	17	843	43	3	59	19	19	843	28	12	47	26	16	844
How do you feel about the following statement? ***"My knowledge of reading will be useful to me as an adult."***																						
A. strongly agree	39	8	25	15	47	5	16	4	13	851	42	26	42	16	16	849	43	31	48	14	7	853
B. agree	50	3	7	26	63	8	20	4	10	847	50	5	65	19	11	846	48	18	50	20	12	848
C. disagree	5	0	0	3	75	1	25	0	0	847	4	0	67	33	0	846	6	11	43	24	21	843
D. strongly disagree	6	0	0	0	0	2	40	3	60	830	4	0	0	33	67	829	2	6	36	32	26	839
Optional school/SAU question																						
A.	9	1	14	4	57	2	29	0	0	851	10	14	57	29	0	851						
B.	23	2	11	9	47	6	32	2	11	846	26	11	47	32	11	846						
C.	53	6	14	25	58	8	19	4	9	849	49	14	60	17	9	849						
D.	15	1	8	6	50	0	0	5	42	840	15	9	45	0	45	840						

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**
N = Number

MATHEMATICS RESULTS

Test Date: March 2008
Grade: 8
SAU: MSAD 44
School: Telstar Middle School

ACHIEVEMENT LEVEL DEFINITIONS The quality of a student's work at each achievement level reflects progress in attaining Maine's Grade Level Expectations in mathematics.		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in mathematics, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information; analyze and solve difficult problems, including developing and implementing strategies, efficiently and accurately performing procedures, and recording and justifying solutions; and explain complex concepts. (scaled score 861–880)	2005-2006	8	10	8	11	1714	11
	2006-2007	14	16	14	18	1952	13
	2007-2008	**7**	**8**	**7**	**9**	**1657**	**11**
	Cum. Total*	29	11	29	13	5323	11
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in mathematics, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve problems including developing and implementing strategies, to perform procedures, and to record and explain solutions and concepts. The student's work may contain minor errors. (scaled score 841–860)	2005-2006	30	36	25	34	5533	34
	2006-2007	33	37	28	35	5870	38
	2007-2008	**22**	**27**	**20**	**27**	**5956**	**40**
	Cum. Total*	85	33	73	32	17359	37
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in mathematics and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems, and explain concepts. Problem solving strategies may be flawed, procedures performed inaccurately, methods not recorded and/or problems not completed. (scaled score 829–840)	2005-2006	28	33	24	32	4764	29
	2006-2007	27	30	24	30	3982	26
	2007-2008	**25**	**30**	**22**	**29**	**3729**	**25**
	Cum. Total*	80	31	70	31	12475	27
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in mathematics and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and explain concepts. Problem solving strategies and procedures are often flawed or inappropriate and there may be many omissions. (scaled score 800–828)	2005-2006	18	21	17	23	4251	26
	2006-2007	16	18	13	16	3534	23
	2007-2008	**29**	**35**	**26**	**35**	**3579**	**24**
	Cum. Total*	63	25	56	25	11364	24

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Numbers and Operations	**16**	**29**	8.0	50.0	8.1	50.6	8.4	52.5
Cluster 2: Shape and Size	**14**	**25**	4.3	30.7	4.5	32.1	5.9	42.1
Cluster 3: Mathematical Decision Making	**8**	**14**	3.9	48.8	3.9	48.8	4.6	57.5
Cluster 4: Patterns	**18**	**32**	8.3	46.1	8.3	46.1	8.9	49.4

Cluster 1: Numbers and Operations
- A. Numbers and Number Sense
- B. Computation
- I. Discrete Mathematics (grades 3 and 4 only)

Cluster 2: Shape and Size
- E. Geometry
- F. Measurement

Cluster 3: Mathematical Decision Making
- C. Data Analysis and Statistics
- D. Probability

Cluster 4: Patterns
- G. Patterns, Relations, and Functions
- H. Algebra Concepts
- K. Mathematical Communication

Each content standard in the clusters above is defined in Maine's 1997 *Learning Results*, which are the basis for Grade Level Expectations. Each item on the MEA measures a grade level expectation, which can be found at http://www.maine.gov/education/lsalt/gles.htm.

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

MATHEMATICS RESULTS
(CONTINUED)

Test Date: March 2008
Grade: 8
SAU: MSAD 44
School: Telstar Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	83	7	8	22	27	25	30	29	35	836	75	9	27	29	35	837	14921	11	40	25	24	841
Ethnicity																						
African American/Black	0										0						352	2	23	23	52	828
American Indian or Native Alaskan	1										1						117	5	22	33	39	832
Asian or Pacific Islander	0										0						181	24	42	20	14	848
Hispanic	1										1						131	7	34	26	33	836
Caucasian/White	81	7	9	21	26	24	30	29	36	836	73	10	26	29	36	836	14140	11	41	25	23	841
Not Reported	0										0						0					
Identified disability																						
Yes	10	0	0	0	0	2	20	8	80	821	10	0	0	10	90	817	2265	1	14	22	62	824
No	73	7	10	22	30	23	32	21	29	839	65	11	31	32	26	840	12656	13	45	26	17	844
Current LEP																						
Yes	0										0						315	5	24	20	51	828
No	83	7	8	22	27	25	30	29	35	836	75	9	27	29	35	837	14606	11	40	25	23	841
Economically disadvantaged																						
Yes	28	0	0	8	29	8	29	12	43	832	25	0	28	32	40	832	5217	5	30	29	37	834
No	55	7	13	14	25	17	31	17	31	838	50	14	26	28	32	839	9704	15	45	23	17	845
Migrant																						
Yes	0										0						7	0	43	43	14	838
No	83	7	8	22	27	25	30	29	35	836	75	9	27	29	35	837	14914	11	40	25	24	841
Gender																						
Female	25	2	8	6	24	7	28	10	40	836	20	10	20	30	40	836	7199	11	40	26	23	841
Male	58	5	9	16	28	18	31	19	33	837	55	9	29	29	33	837	7722	11	40	24	25	841
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	21	0	0	2	10	4	19	15	71	824	20	0	10	15	75	823	806	3	20	30	47	831
No	62	7	11	20	32	21	34	14	23	841	55	13	33	35	20	841	14115	12	41	25	23	842
Gifted/talented program																						
Yes	0										0						592	58	39	2	1	864
No	83	7	8	22	27	25	30	29	35	836	75	9	27	29	35	837	14329	9	40	26	25	840

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. **N** = Number

MATHEMATICS RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 8
SAU: MSAD 44
School: Telstar Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	5	0	0	0	0	0	0	4	100	816	5	0	0	0	100	816	9	5	30	23	41	833
B. less than one hour	49	5	13	10	25	12	30	13	33	837	47	14	26	26	34	838	46	10	40	26	25	840
C. one to two hours	45	2	5	11	30	13	35	11	30	838	46	6	29	38	26	838	41	14	42	25	19	843
D. more than two hours	1	0	0	1	100	0	0	0	0	850	1	0	100	0	0	850	5	14	38	23	24	842
How well do the questions that you have just been given on this MEA test match what you have learned in school about mathematics?																						
A. The questions on the test match what I have learned in mathematics class.	26	3	14	7	33	5	24	6	29	841	28	15	30	25	30	840	30	17	43	22	18	845
B. They match some of what I have learned.	44	3	9	10	29	11	31	11	31	837	44	9	28	31	31	838	50	10	42	26	22	841
C. They match just a little of what I have learned.	24	1	5	4	21	7	37	7	37	833	21	7	27	33	33	835	17	6	32	29	33	836
D. There is no match.	6	0	0	1	20	0	0	4	80	826	7	0	20	0	80	822	4	3	18	25	54	828
Which of the following best describes how you rate yourself as a student in mathematics?																						
A. very good	16	3	23	5	38	5	38	0	0	850	15	27	36	36	0	850	26	29	46	14	11	851
B. good	43	4	11	8	23	11	31	12	34	838	42	13	23	32	32	839	45	7	46	27	20	841
C. fair	37	0	0	9	30	7	23	14	47	831	40	0	31	21	48	830	23	1	26	34	38	833
D. poor	4	0	0	0	0	2	67	1	33	831	3	0	0	100	0	835	5	1	14	29	57	827
How difficult was the mathematics part of this test?																						
A. harder than my regular schoolwork	40	0	0	9	28	11	34	12	38	834	38	0	30	30	41	832	34	4	35	28	32	836
B. about the same as my regular schoolwork	48	6	16	8	21	10	26	14	37	838	50	17	19	28	36	838	52	10	43	26	21	842
C. easier than my regular schoolwork	13	1	10	4	40	3	30	2	20	841	13	11	44	33	11	844	13	33	40	14	13	852
How hard did you try on the mathematics part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	47	4	11	8	22	10	27	15	41	835	47	12	21	27	39	835	44	10	40	26	25	840
B. I tried about the same as I do on my regular schoolwork.	47	3	8	13	35	11	30	10	27	840	49	9	35	29	26	841	50	13	42	24	21	843
C. I did not try as hard on this test as I do on my regular schoolwork.	5	0	0	0	0	3	75	1	25	828	4	0	0	67	33	823	6	9	27	27	38	835
How often do you use laptops in mathematics class?																						
A. almost every day	0										0						9	6	38	27	29	837
B. two or three days a week	9	0	0	1	14	2	29	4	57	824	8	0	17	33	50	826	16	8	38	27	27	839
C. two or three times each month	10	0	0	1	13	1	13	6	75	829	9	0	14	14	71	829	28	12	41	27	21	843
D. never or almost never	82	7	10	20	30	22	33	18	27	839	82	11	30	31	28	839	48	13	40	23	24	842
How often do you use calculators in mathematics class?																						
A. almost every day	4	1	33	0	0	1	33	1	33	844	4	33	0	33	33	844	38	14	42	23	21	843
B. two or three times a week	6	2	40	1	20	1	20	1	20	848	7	40	20	20	20	848	33	10	41	26	23	841
C. two or three times each month	27	1	5	8	36	4	18	9	41	836	27	5	35	20	40	836	18	10	36	27	27	840
D. never or almost never	63	3	6	13	25	19	37	17	33	835	62	7	26	35	33	835	11	7	34	26	33	836
How do you feel about the following statement? ***"My knowledge of mathematics will be useful to me as an adult."***																						
A. strongly agree	48	3	8	16	41	9	23	11	28	840	47	9	43	20	29	839	54	14	44	23	18	844
B. agree	38	4	13	4	13	11	35	12	39	835	39	14	10	38	38	835	38	8	36	27	28	838
C. disagree	10	0	0	2	25	3	38	3	38	835	9	0	29	29	43	835	6	6	31	28	36	835
D. strongly disagree	4	0	0	0	0	2	67	1	33	826	4	0	0	67	33	826	2	3	23	25	49	831
Optional school/SAU question																						
A.	9	1	14	2	29	2	29	2	29	841	10	14	29	29	29	841						
B.	23	1	5	7	37	4	21	7	37	838	26	5	37	21	37	838						
C.	53	4	9	11	26	16	37	12	28	837	49	11	26	37	26	838						
D.	15	1	8	1	8	3	25	7	58	829	15	9	9	27	55	830						

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**
N = Number

SCIENCE AND TECHNOLOGY RESULTS

Test Date: March 2008
Grade: 8
SAU: MSAD 44
School: Telstar Middle School

ACHIEVEMENT LEVEL DEFINITIONS The quality of a student's work at each achievement level reflects progress in attaining Maine's Grade Span Expectations in science and technology.		STUDENTS AT EACH ACHIEVEMENT LEVEL					
		School		SAU		State	
		N	%	N	%	N	%
Exceeds the Standards – The student's work demonstrates in-depth understanding of essential concepts in science, including the ability to make multiple connections among central ideas. The student's responses demonstrate the ability to synthesize information, analyze and solve difficult problems using the processes of scientific inquiry, and explain complex concepts using evidence and proper terminology to support and communicate logical conclusions. (scaled score 861–880)	2005-2006	9	11	9	12	1879	12
	2006-2007	14	16	14	18	2192	14
	2007-2008	**11**	**13**	**11**	**15**	**2371**	**16**
	Cum. Total*	34	13	34	15	6442	14
Meets the Standards – The student's work demonstrates a general understanding of essential concepts in science, including the ability to make connections among central ideas. The student's responses demonstrate the ability to analyze and solve routine problems using the processes of scientific inquiry and explain central concepts with sufficient clarity and accuracy to demonstrate general understanding. (scaled score 841–860)	2005-2006	55	65	45	61	8604	53
	2006-2007	41	46	36	46	7916	52
	2007-2008	**41**	**50**	**36**	**49**	**7630**	**51**
	Cum. Total*	137	54	117	52	24150	52
Partially Meets the Standards – The student's work demonstrates incomplete understanding of essential concepts in science and inconsistent connections among central ideas. The student's responses demonstrate some ability to analyze and solve problems using scientific inquiry but the quality of responses is inconsistent. Explanation of concepts may be incomplete or unclear. (scaled score 831–840)	2005-2006	13	15	12	16	3618	22
	2006-2007	24	27	20	25	3340	22
	2007-2008	**20**	**24**	**17**	**23**	**3175**	**21**
	Cum. Total*	57	22	49	22	10133	22
Does Not Meet the Standards – The student's work demonstrates limited understanding of essential concepts in science and infrequent or inaccurate connections among central ideas. The student's responses demonstrate minimal ability to solve problems and use the skills of scientific inquiry. There are many inaccuracies and explanations are illogical, incomplete, or missing. (scaled score 800–830)	2005-2006	7	8	8	11	2174	13
	2006-2007	11	12	9	11	1865	12
	2007-2008	**10**	**12**	**10**	**14**	**1731**	**12**
	Cum. Total*	28	11	27	12	5770	12

Learning Results Content Standard Clusters	Number of Points Possible		Average Points Attained (Number and Percent)					
			School		SAU		State	
	N	%	N	%	N	%	N	%
Cluster 1: Life Sciences	**14**	**25**	7.7	55.0	7.8	55.7	8.1	57.9
Cluster 2: Physical Sciences	**14**	**25**	7.8	55.7	7.8	55.7	7.3	52.1
Cluster 3: Earth and Space Sciences	**14**	**25**	7.5	53.6	7.6	54.3	7.7	55.0
Cluster 4: Nature and Implications of Science	**14**	**25**	7.8	55.7	7.7	55.0	8.5	60.7

Cluster 1: Life Sciences
- A. Classifying Life Forms
- B. Ecology
- C. Cells

Cluster 2: Physical Sciences
- E. Structure of Matter
- H. Energy
- I. Motion

Cluster 3: Earth and Space Sciences
- D. Continuity and Change
- F. The Earth
- G. The Universe

Cluster 4: Nature and Implications of Science
- J. Inquiry and Problem Solving
- K. Scientific Reasoning
- L. Communication
- M. Implications of Science & Technology

Each content standard in the clusters shown is defined in Maine's 1997 *Learning Results*, which are the basis for science and technology Grade Span Expectations. Each item on the MEA measures a grade span expectation, which can be found at http://www.maine.gov/education/lsalt/gles.htm.

*Percentages are calculated by dividing the cumulative total of the number of students in the achievement level by the cumulative total of the number of students tested.

SCIENCE AND TECHNOLOGY RESULTS
(CONTINUED)

Test Date: March 2008
Grade: 8
SAU: MSAD 44
School: Telstar Middle School

REPORTING CATEGORIES	School										SAU						State					
	Tested	E		M		P		D		Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score	Tested	E	M	P	D	Mean Scaled Score
	N	N	%	N	%	N	%	N	%		N	%	%	%	%		N	%	%	%	%	
All Students	82	11	13	41	50	20	24	10	12	847	74	15	49	23	14	847	14907	16	51	21	12	847
Ethnicity																						
African American/Black	0										0						349	4	35	26	34	837
American Indian or Native Alaskan	1										1						117	8	40	28	24	840
Asian or Pacific Islander	0										0						181	20	50	15	15	849
Hispanic	1										1						131	5	50	22	23	842
Caucasian/White	80	11	14	39	49	20	25	10	13	847	72	15	47	24	14	846	14129	16	52	21	11	848
Not Reported	0										0						0					
Identified disability																						
Yes	9	0	0	3	33	3	33	3	33	836	9	0	22	33	44	831	2258	3	29	31	37	836
No	73	11	15	38	52	17	23	7	10	848	65	17	52	22	9	849	12649	18	55	20	7	850
Current LEP																						
Yes	0										0						315	4	29	25	42	834
No	82	11	13	41	50	20	24	10	12	847	74	15	49	23	14	847	14592	16	52	21	11	848
Economically disadvantaged																						
Yes	27	2	7	14	52	7	26	4	15	844	24	8	50	25	17	843	5206	8	45	28	20	842
No	55	9	16	27	49	13	24	6	11	848	50	18	48	22	12	848	9701	20	55	18	7	850
Migrant																						
Yes	0										0						7	29	57	14	0	852
No	82	11	13	41	50	20	24	10	12	847	74	15	49	23	14	847	14900	16	51	21	12	847
Gender																						
Female	25	3	12	12	48	7	28	3	12	845	20	15	45	25	15	845	7196	14	52	23	12	847
Male	57	8	14	29	51	13	23	7	12	847	54	15	50	22	13	847	7711	18	51	20	12	848
Not Reported	0										0						0					
Title 1A targeted program																						
Yes	20	2	10	8	40	5	25	5	25	842	19	11	37	26	26	841	804	6	38	34	22	841
No	62	9	15	33	53	15	24	5	8	848	55	16	53	22	9	849	14103	16	52	21	11	848
Gifted/talented program																						
Yes	0										0						592	63	35	1	0	865
No	82	11	13	41	50	20	24	10	12	847	74	15	49	23	14	847	14315	14	52	22	12	847

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**

NOTE: Some achievement level results have been left blank because fewer than five (5) students were tested. **N** = Number

SCIENCE AND TECHNOLOGY RESULTS
(QUESTIONNAIRE ITEMS)

Test Date: March 2008
Grade: 8
SAU: MSAD 44
School: Telstar Middle School

QUESTIONNAIRE ITEMS	School										SAU						State					
	Students in Each Category	E		M		P		D		Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score	Students in Each Category	E	M	P	D	Mean Scaled Score
	%	N	%	N	%	N	%	N	%		%	%	%	%	%		%	%	%	%	%	
How much homework do you do on school nights?																						
A. none	5	0	0	0	0	1	25	3	75	825	5	0	0	25	75	825	9	10	40	26	23	842
B. less than one hour	49	7	18	21	53	10	25	2	5	849	47	20	51	23	6	849	46	14	52	22	12	847
C. one to two hours	45	4	11	19	51	9	24	5	14	846	46	12	50	24	15	846	41	19	53	19	9	849
D. more than two hours	1	0	0	1	100	0	0	0	0	858	1	0	100	0	0	858	5	19	47	21	14	848
How well do the questions that you have just been given on this MEA test match what you have learned in school about science?																						
A. The questions on the test match what I have learned in science class.	17	2	14	7	50	3	21	2	14	848	16	17	50	17	17	848	29	19	54	19	9	849
B. They match some of what I have learned.	48	4	10	22	56	7	18	6	15	846	48	11	60	14	14	847	49	16	51	22	11	848
C. They match just a little of what I have learned.	28	5	22	10	43	7	30	1	4	849	27	25	35	35	5	849	18	13	51	23	13	846
D. There is no match.	6	0	0	2	40	2	40	1	20	842	8	0	33	33	33	837	5	9	39	29	23	842
Which of the following best describes how you rate yourself as a student in science?																						
A. very good	16	2	15	8	62	1	8	2	15	850	16	17	58	8	17	850	23	28	51	13	8	853
B. good	49	8	20	24	60	6	15	2	5	851	47	23	60	11	6	852	54	15	55	21	9	848
C. fair	29	1	4	8	33	10	42	5	21	839	31	4	30	43	22	838	20	5	45	32	18	842
D. poor	6	0	0	1	20	3	60	1	20	840	5	0	25	50	25	837	3	2	35	34	29	838
How difficult was the science part of this test?																						
A. harder than my regular schoolwork	30	4	17	11	46	5	21	4	17	847	32	17	43	22	17	846	27	15	49	22	14	846
B. about the same as my regular schoolwork	54	3	7	25	58	11	26	4	9	845	53	8	61	21	11	846	59	15	53	22	10	848
C. easier than my regular schoolwork	16	4	31	5	38	2	15	2	15	852	15	36	27	18	18	853	13	21	51	18	10	850
How hard did you try on the science part of this test?																						
A. I tried harder on this test than I do on my regular schoolwork.	41	5	16	16	50	7	22	4	13	848	42	17	47	23	13	847	40	15	51	22	12	847
B. I tried about the same as I do on my regular schoolwork.	56	6	14	22	50	10	23	6	14	847	56	15	53	20	13	847	55	17	53	21	10	848
C. I did not try as hard on this test as I do on my regular schoolwork.	4	0	0	2	67	1	33	0	0	845	1	0	0	0	100	816	5	12	41	25	22	843
Which courses do you plan to take before you graduate from high school?																						
A. earth and space science and/or biology	25	4	20	11	55	4	20	1	5	851	26	21	53	21	5	851	25	11	53	23	13	846
B. the course(s) described in A, plus chemistry	12	1	10	3	30	5	50	1	10	842	14	10	30	50	10	842	24	18	53	20	10	849
C. the course(s) described in B, plus physics	23	3	16	9	47	5	26	2	11	849	22	19	44	31	6	849	22	30	47	14	8	853
D. a life science and physical science class	40	3	9	18	56	6	19	5	16	845	38	11	57	11	21	844	29	8	52	27	14	844
How do you feel about the following statement? ***"My knowledge of science and technology will be useful to me as an adult."***																						
A. strongly agree	12	3	30	6	60	1	10	0	0	855	14	30	50	10	10	851	27	23	51	17	9	851
B. agree	51	5	12	24	57	6	14	7	17	847	49	14	58	11	17	847	54	15	53	21	11	847
C. disagree	27	2	9	8	36	9	41	3	14	843	28	10	33	43	14	843	15	10	50	26	14	845
D. strongly disagree	10	1	13	3	38	4	50	0	0	848	9	14	43	43	0	849	4	7	39	30	24	841
How well does the following statement reflect your future goals? ***"I am interested in a career related to science, technology, engineering, or mathematics."***																						
A. strongly agree	20	4	25	4	25	4	25	4	25	847	21	27	20	27	27	846	25	24	52	15	8	851
B. agree	31	4	16	12	48	6	24	3	12	846	32	17	48	22	13	847	37	15	50	22	12	847
C. disagree	25	1	5	15	75	1	5	3	15	847	22	6	75	0	19	846	26	12	53	23	12	846
D. strongly disagree	24	2	11	8	42	9	47	0	0	847	25	11	44	44	0	848	12	8	48	28	15	844
Optional school/SAU question																						
A.	9	3	43	3	43	1	14	0	0	857	10	43	43	14	0	857						
B.	23	2	11	11	58	5	26	1	5	847	26	11	58	26	5	847						
C.	53	6	14	23	53	7	16	7	16	847	49	17	51	14	17	847						
D.	15	0	0	3	25	7	58	2	17	838	15	0	27	55	18	838						

E = Exceeds the Standards **M = Meets the Standards** **P = Partially Meets the Standards** **D = Does Not Meet the Standards**
N = Number